

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A method for dispersing a liquid bird repellent solution, the method comprising:  
delivering a pressurized flow of air through a jet;  
5 sending a liquid bird repellent solution to an orifice; and  
dispersing the liquid bird repellent solution in the pressurized flow of air,  
wherein the jet being spaced sufficiently apart from the orifice to allow the flow  
of air to entrain droplets of the liquid bird repellent solution into the flow of  
air from the jet.
- 10 2. The method of Claim 1, wherein the pressurized flow of air is sufficient to break the  
surface tension of at the first orifice to cause vaporization of the droplets of the liquid bird  
repellent solution.
3. The method of Claim 1, further comprising filtering the droplets entrained in the  
flow of air to cause removal of droplets in excess of 20 microns in diameter from the  
15 dispersed liquid bird repellent solution.
4. The method of Claim 3, further comprising collecting filtered droplets.
5. The method of Claim 1, wherein dispersing is performed using a fan.
6. The method of Claim 1, wherein the orifice includes a plurality of orifices and the jet  
includes an plurality of jets each of which correspond to an orifice.
- 20 7. The method of Claim 1, wherein releasing a flow of air includes releasing the flow of  
air at predetermined intervals.
8. A machine for dispersing a liquid bird repelling solution, the machine comprising:




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CITC-1-1010AP

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a housing configured to receive the liquid bird repelling solution, the housing  
defining an airspace and including an exhaust port;  
a first conduit having an orifice, the first conduit being configured to conduct the  
liquid bird repelling solution from the reservoir to an orifice, the orifice being  
5 located within the airspace; and  
a second conduit having a jet, the second conduit configured to conduct  
pressurized air at the jet within the housing, the jet being spaced sufficiently  
apart from the orifice to allow the pressurized air to entrain the liquid bird  
repellent solution out of the orifice and create a mist of the entrained liquid  
10 bird repellent solution.

9. The machine of Claim 8, wherein the pressurized air is sufficient to vaporize of the  
liquid bird repellent solution.

10. The machine of Claim 8, wherein the exhaust port includes a filter configured to filter  
the created mist of droplets in excess of 20 microns in diameter.

15 11. The machine of Claim 10, wherein the filter is additionally configured to conduct the  
coalesced droplets to the liquid conduit.

12. The machine of Claim 8, further comprising a fan configured to propel the created  
mist.

20 13. The machine of Claim 8, wherein the first conduit includes a plurality of orifices and  
the second conduit includes an plurality of jets.

14. The machine of Claim 8, wherein the second conduit is configured to release a flow  
of air at predetermined intervals.